

IN THE UNITED STATES PATENT & TRADEMARK OFFICE



Here Patent Application of)

CHEN et al.)

Serial No. 09/822,831)

Filed: April 2, 2001)

Title: **CONDUCTING POLYMER-CARBON NANOTUBE COMPOSITE
MATERIALS AND THEIR USERS**

Confirmation No.: 8469)

Group Art Unit: 1746)

Examiner: J. Crepeau)

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December 10, 2003

REQUEST FOR RECONSIDERATION

Box AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In reply to the Office Action mailed August 8, 2003, please reconsider the patentability of the pending claims based on the following arguments.

Claims 1-16 remain withdrawn from consideration as being drawn to a non-elected invention. Claims 17-24 and 26 have been rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent 6,205,016 to Niu. Applicants traverse the rejection because Niu fails to teach or suggest all the features recited in the rejected claims. For example, Niu fails to teach or suggest an electronically conducting polymer/carbon nanotube composite produced by preparing a dispersion of carbon nanotubes in a solution of one or more polymerisable monomers which upon polymerisation form an electronically conducting polymer; and polymerising the monomer solution to form a unitary polymer mass containing said nanotubes dispersed therein," as recited in independent claim 17. Similarly, Niu fails to teach or suggest an electrical energy storage device, comprising: a first electrode consisting of a first composite of carbon nanotubes and a first electronically conducting polymer and a first conducting member in contact with the first composite; a second electrode; and an electrolyte comprising mobile cations and anions, the electrolyte separating the first and